BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estime for Providing and Fixing of Street lights and other street lighting accessoriesin Ward No-10

Budget Head P1828

Ward No.10 Estimate No..... For Rs. 100000.00

Sl No	Description Of Work	Qty	Rate	Unit	Amount
	KPWD (Ele) S.R.2010-11				
1 19/12	Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminium reflectors with toughened flat glass, gasket lining for drip insect resistance duly wired with porcelain holder copper choke, igniter and HPF condenser including a sodium vapour lamp. II 250 Watts a) Group 'A'	5	6150.00	Each	30750.00
2 28/1	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. b) Using 32mm dia G.I pipe	5	685.00	Each	3425.00
3 78/32	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification. b) 2 Pin 45x45x5mm-510mm	15	123.00	Each	1845.00
4 79/37	Supplying and Fixing..... including all Hardwares etc complete as per the Standard technical Specification. a) 1.1 KV Pin insulator	30	70.00	Each	2100.00
5 79/39	Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)	500	19.80	Mtr	9900.00
6 79/36	Supplying and fixing ..... including all Hardwares etc complete as per the standard technical specification e) RCC Clamp	15	61.00	Each	915.00
7 41/38	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete b) 16 SWG	22500	0.33	sqcm	7425.00
8 32/3	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete c) 63 Amps	3	219.00	Each	657.00

9 43/45	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,	3	7515.00	Each	22545.00
10 36/12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. b) 40-63 Amps SP 1) Group 'A'	3	370.00	Each	1110.00
11 34/8	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. c) 60-70 Amps	3	3865.00	Each	11595.00
12 41/37	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	6	240.00	Rmtr	1440.00
13 68/4	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Classl. Class 'A' PVC Cable d) 4 core 16sqmm	35	150.00	per mtr	5250.00
14 69/5	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.II. On wall /Structure a) 6 sqmm to 16sqmm	35	18.00	Rmtr	630.00
15 73/20	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes f) 16 sqmm	24	14.00	Each	336.00
16	Miscellaenous				77.00
	TOTAL				100000.00

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2010-11 Rates.

Assistant Engineer (Ele)
Yelahanka Zone

Asst. Executive Engineer (Elecl)
Yelahanka Zone

ADMINISTRATIVELY SANCTIONED FOR Rs. 1:00 lakh
Rupees One lakh
Under D1828 Provision of Additional fittings Street lights
Registered as E E ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. Estimate A/Sanctioned
BBMP/JC/Y2/AS No. 307/12-13
dated 11-06-2012 Rs. 1:00 lakh

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP

11/6/12
Joint Commissioner
(Byatarayanapura)

TECHNICALLY SANCTIONED FOR Rs. 1:00 lakh
Rupees One lakh
Under D1828 Provision of Additional fittings Street lights
Registered as EE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. EE/ELE/Y2/TS/26/12-13
Dt. 20-06-12 Estimate A/ Sanctioned
BBMP/JC/Y2/AS No. 307/12-13
Dated 11-06-2012 Rs. 1:00 lakh

Executive Engineer